

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022950.D
 Acq On : 07 Jul 2025 11:18
 Operator : SY/MD
 Sample : Q2507-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-7.3-2025-VOC

Quant Time: Jul 08 01:44:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

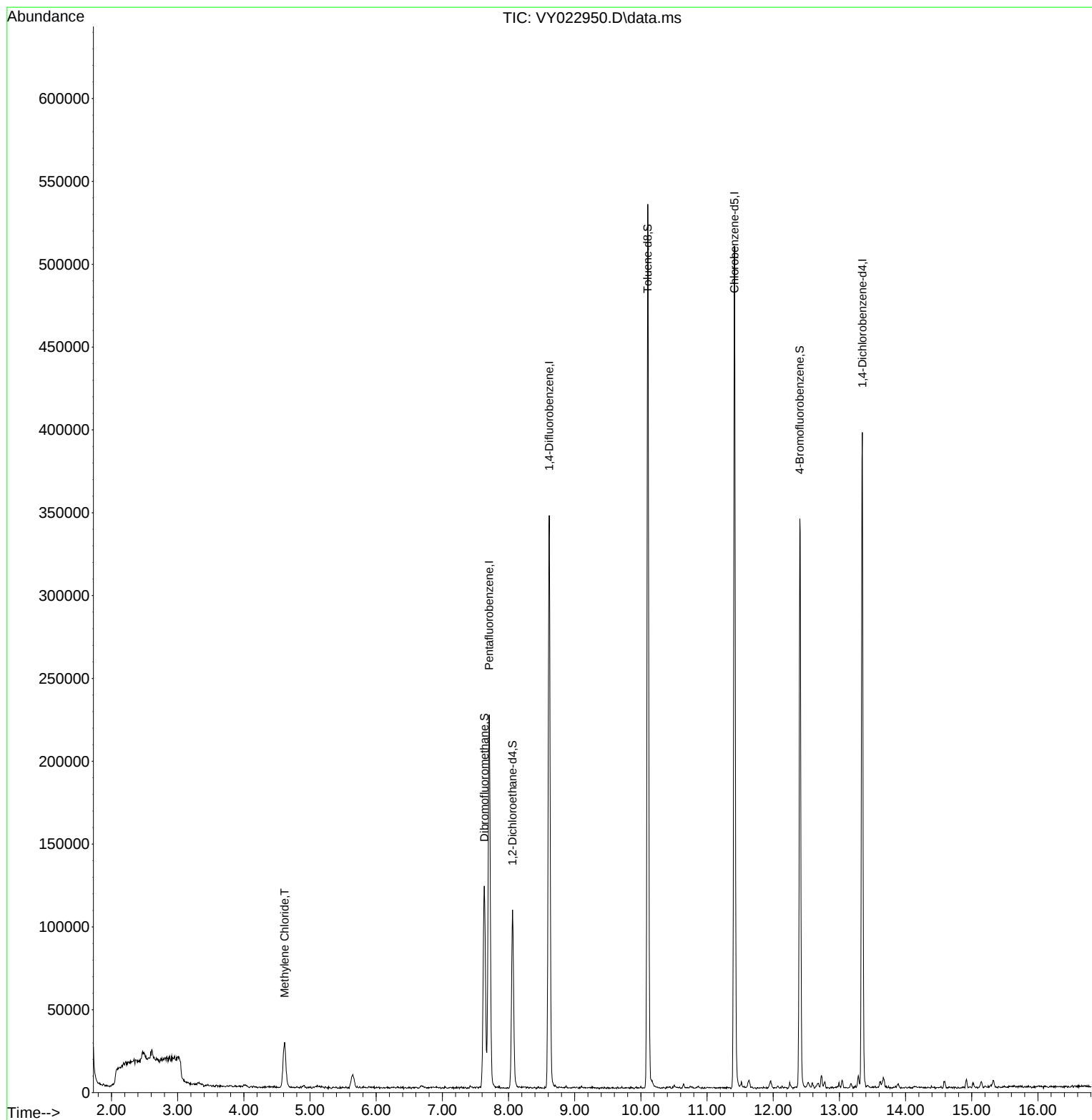
Internal Standards						
1) Pentafluorobenzene	7.707	168	169827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	291091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	256345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	96874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83563	44.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.180%
35) Dibromofluoromethane	7.634	113	87585	49.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.103	98	342304	48.729	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.402	95	102452	45.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.740%
Target Compounds						
20) Methylene Chloride	4.616	84	19723	8.717	ug/l	Qvalue 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022950.D
Acq On : 07 Jul 2025 11:18
Operator : SY/MD
Sample : Q2507-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-7.3-2025-VOC

Quant Time: Jul 08 01:44:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

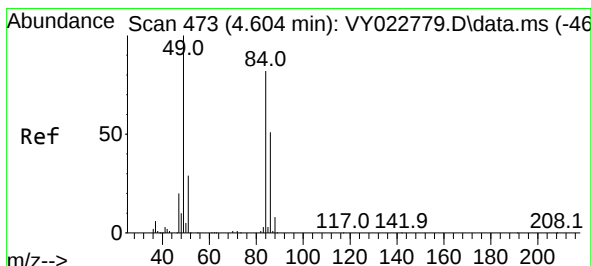
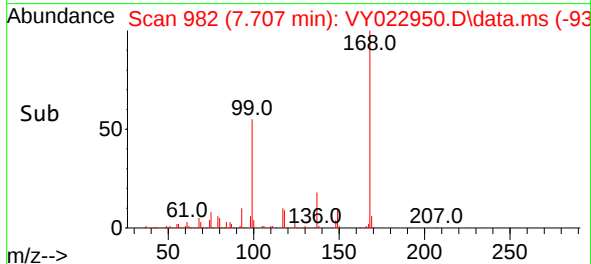
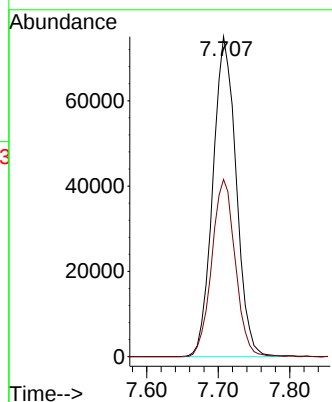
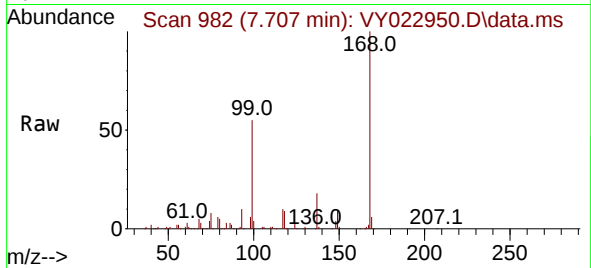




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022950.D
Acq: 07 Jul 2025 11:18

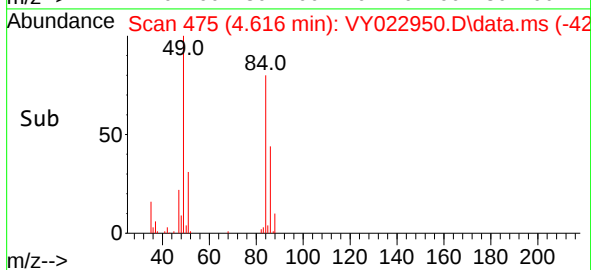
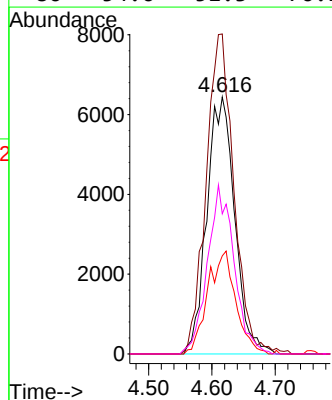
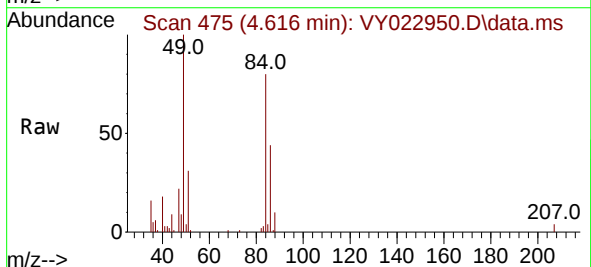
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-7.3-2025-VOC

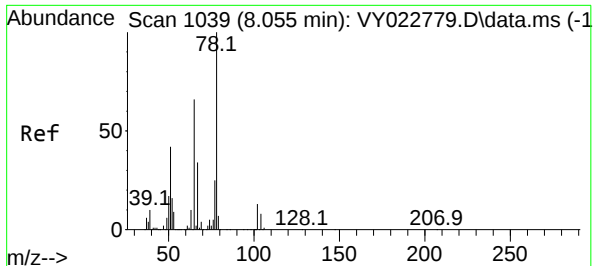
Tgt Ion:168 Resp: 169827
Ion Ratio Lower Upper
168 100
99 55.4 44.3 66.5



#20
Methylene Chloride
Concen: 8.717 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022950.D
Acq: 07 Jul 2025 11:18

Tgt Ion: 84 Resp: 19723
Ion Ratio Lower Upper
84 100
49 124.6 101.9 152.9
51 38.2 29.8 44.8
86 54.6 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 44.086 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022950.D

Acq: 07 Jul 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

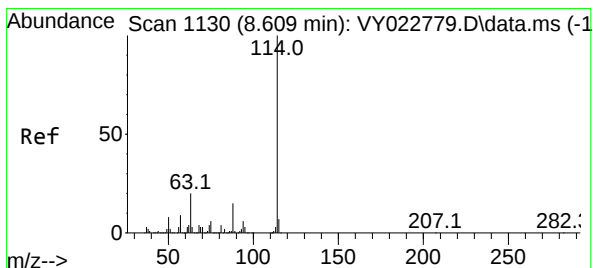
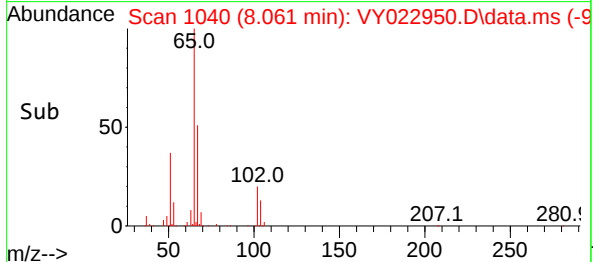
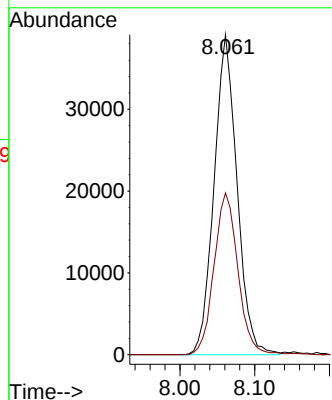
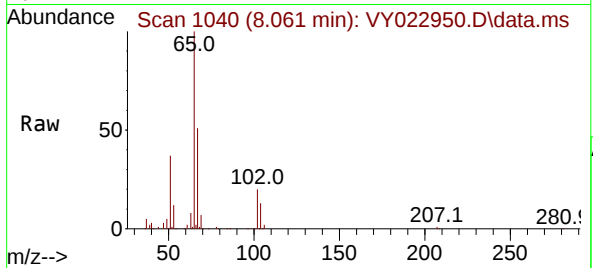
SU-04-7.3-2025-VOC

Tgt Ion: 65 Resp: 83563

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022950.D

Acq: 07 Jul 2025 11:18

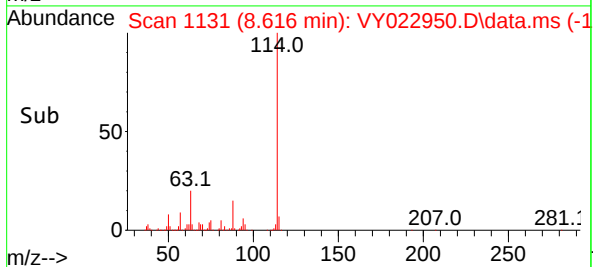
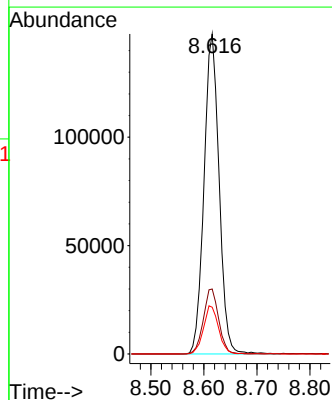
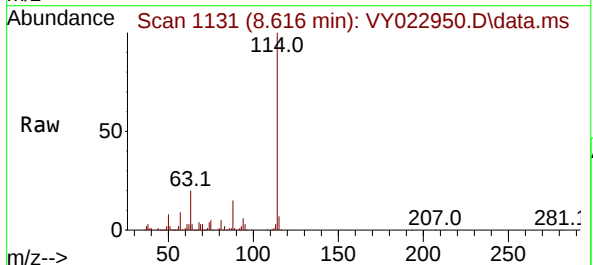
Tgt Ion:114 Resp: 291091

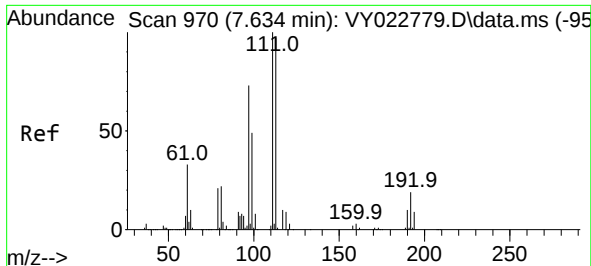
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 14.6 0.0 27.8

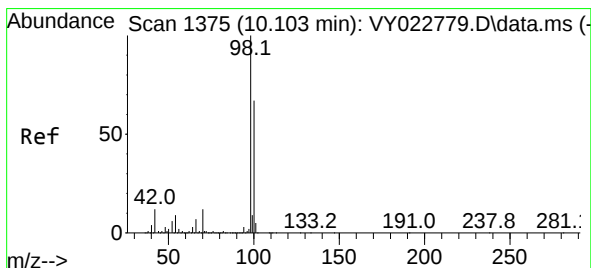
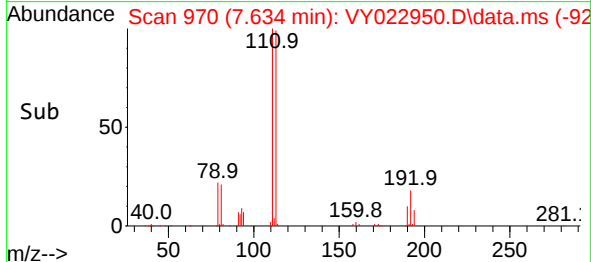
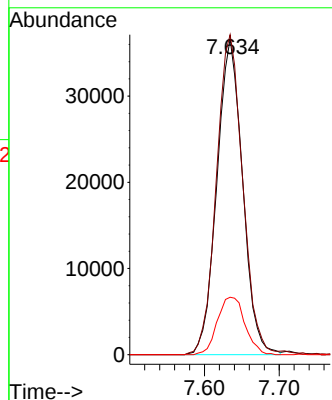
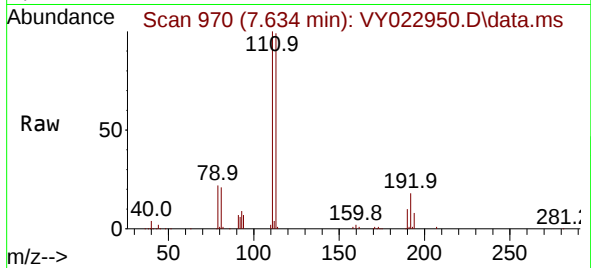




#35
Dibromofluoromethane
Concen: 49.475 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022950.D
Acq: 07 Jul 2025 11:18

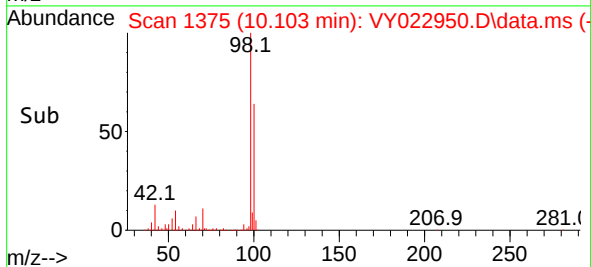
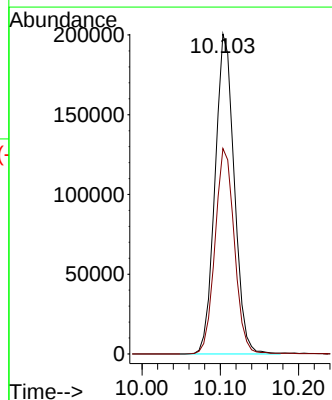
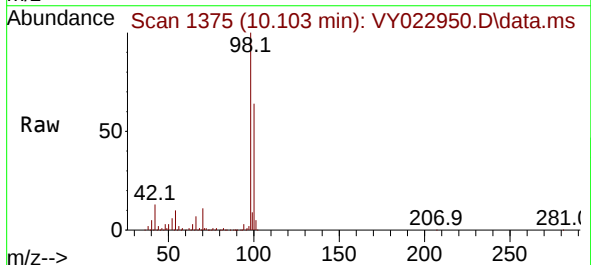
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-7.3-2025-VOC

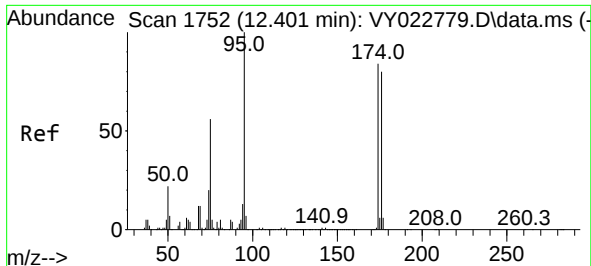
Tgt Ion:113 Resp: 87585
Ion Ratio Lower Upper
113 100
111 104.0 81.1 121.7
192 19.5 14.2 21.2



#50
Toluene-d8
Concen: 48.729 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022950.D
Acq: 07 Jul 2025 11:18

Tgt Ion: 98 Resp: 342304
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

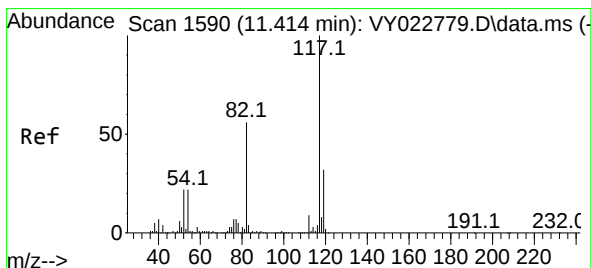
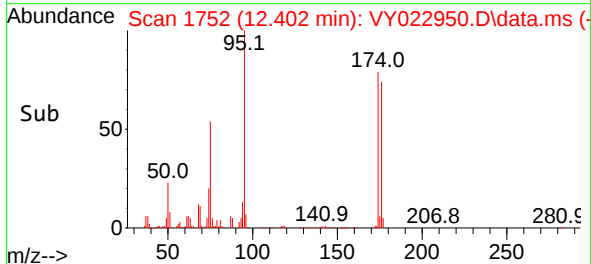
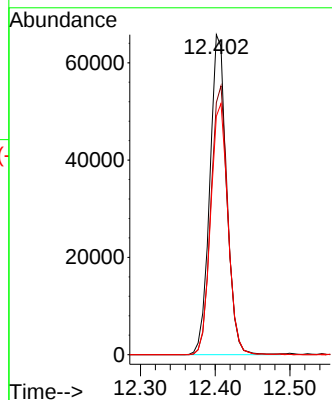
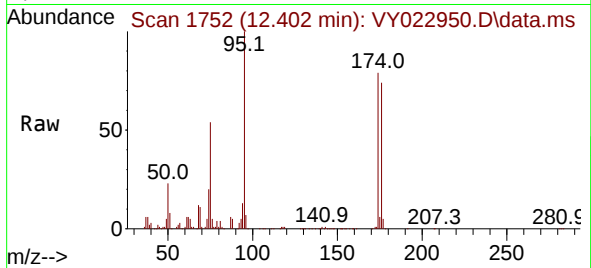




#62
4-Bromofluorobenzene
Concen: 45.369 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022950.D
Acq: 07 Jul 2025 11:18

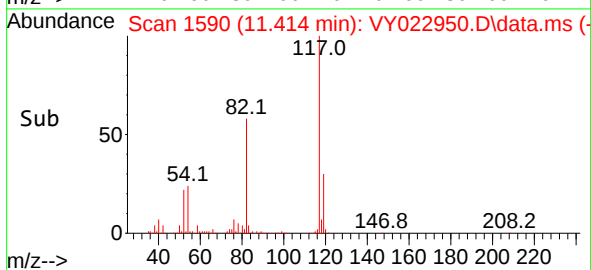
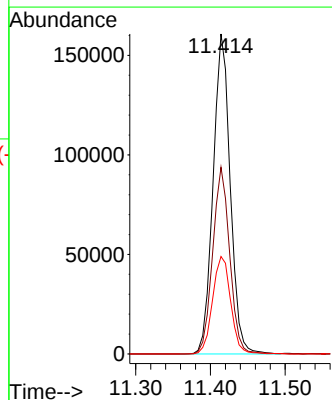
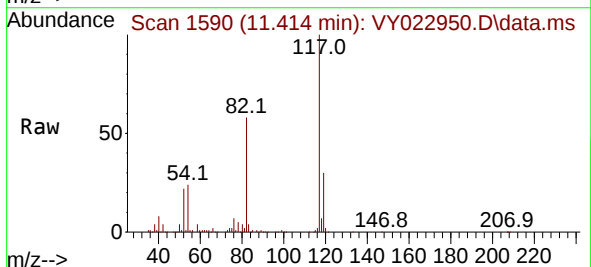
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-7.3-2025-VOC

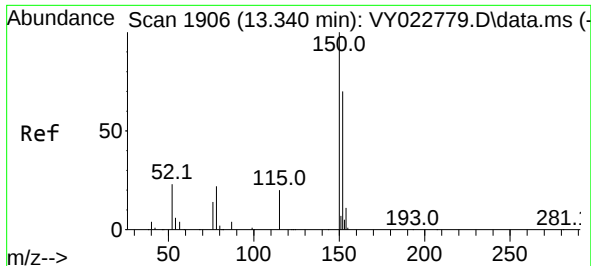
Tgt Ion: 95 Resp: 102452
Ion Ratio Lower Upper
95 100
174 85.2 0.0 170.0
176 81.2 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022950.D
Acq: 07 Jul 2025 11:18

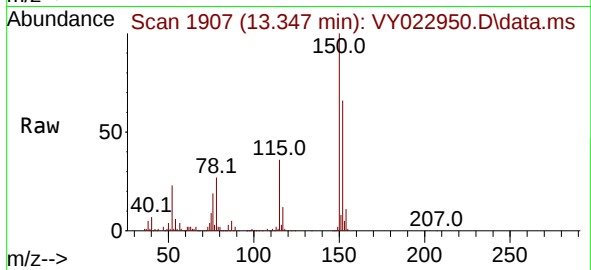
Tgt Ion: 117 Resp: 256345
Ion Ratio Lower Upper
117 100
82 58.4 44.6 66.8
119 30.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022950.D
 Acq: 07 Jul 2025 11:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-7.3-2025-VOC



Tgt Ion:	152	Resp:	96874
Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.9	86.7
150	156.5	0.0	349.6

